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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/632,947-Conf. #4975
	Filing Date	July 31, 2003
	First Named Inventor	Alastair Hodges
	Art Unit	1753
	Examiner Name	K. K. Olsen
Total Number of Pages in This Submission	Attorney Docket Number	104978-0172

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	NUTTER MCCLENNEN & FISH LLP		
Signature			
Printed name	George A. Xixis		
Date	June 9, 2006	Reg. No.	38,664

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Transmittal	
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
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(George A. Xixis)

Docket No.: 104978-0172  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Alastair Hodges et al.

Application No.: 10/632,947

Confirmation No.: 4975

Filed: July 31, 2003

Art Unit: 1753

For: ANTIOXIDANT SENSOR

Examiner: K. K. Olsen

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND before the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A summary/abstract translation of the non-English language references is enclosed.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

Dated: June 9, 2006

Respectfully submitted,

By 

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/632,947-Conf. #4975
				Filing Date	July 31, 2003
				First Named Inventor	Alastair Hodges
				Art Unit	1753
				Examiner Name	K. K. Olsen
Sheet	1	of	1	Attorney Docket Number	104978-0172

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA*	US-4,876,205	10-24-1989	Green et al.	
	AB*	US-4,943,533	07-24-1990	Mendelsohn et al.	
	AC*	US-5,342,498	08-30-1994	Graves et al.	
	AD*	US-6,111,096	08-29-2000	Laugharn, Jr. et al.	
	AE*	US-6,193,865	02-27-2001	Hodges et al.	
	AF*	US-6,251,260	06-26-2001	Heller et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	WO-94/03496	02/17/1994			
	BB	DE-27909141	10/09/1997			
	BC	WO-96/02842	02/01/1996			
	BD	WO-99/49307	09/30/1999			
	BE	WO-99/62918	12/09/1999			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Nakamura, et al. Determination of Free Sulfur Dioxide in Wine by Using a Biosensor Based on a Glass Electrode, Biosci. Biotech. Biochem., 57, pp. 379-382, 1993.	
	CB	Perfetti, et al. J. Assoc. Off. Anal. Chem., 72, pp. 903-906, 1989 (CAS Abstract only)	
	CC	Azevedo, et al., Determination of Sulfur Dioxide in Wines by Gas-Diffusion Flow Injection Analysis Utilizing Modified Electrodes with Electrostatically Assembled Films of Tetraethylenediporphyrin, Anal. Chem. Acta, 387, pp. 175-180, 1999.	
	CD	Araujo, et al., Determination of SO <sub>2</sub> in Wines Using a Flow Injection Analysis System with Potentiometric Detection, J. Agric. Food Chem., 46, pp. 168-172, 1998.	
	CE	Bard and Faulkner, Electrochemical Methods: Fundamentals and Applications, pp. 22-26, 1980.	
	CF	PCT International Search Report for US01/21961.	
	CG	PCT International Search Report for US01/21964.	

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature		Date Considered	
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